

=> b reg  
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STRUCTURE FILE UPDATES: 20 NOV 2008 HIGHEST RN 1073589-44-2  
 DICTIONARY FILE UPDATES: 20 NOV 2008 HIGHEST RN 1073589-44-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

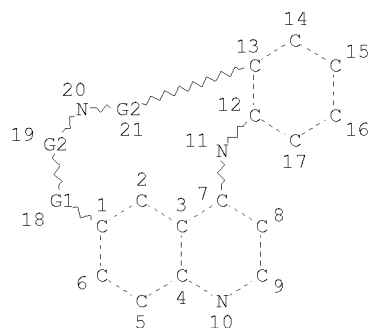
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 experimental property data in the original document. For information  
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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> d que sta 17

L5 STR



VAR G1=O/S  
 REP G2=(1-6) C  
 NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 21

STEREO ATTRIBUTES: NONE  
 L7 5 SEA FILE=REGISTRY SSS FUL L5

100.0% PROCESSED 2943 ITERATIONS 5 ANSWERS  
 SEARCH TIME: 00.00.01

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 FILE 'HCAPLUS' ENTERED AT 15:17:45 ON 21 NOV 2008  
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FILE COVERS 1907 - 21 Nov 2008 VOL 149 ISS 22  
FILE LAST UPDATED: 20 Nov 2008 (20081120/ED)

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

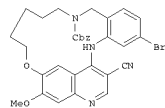
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L12 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS ON STN
AN 2005:567124 HCAPLUS
DN 143:97402
TI 3-Cyanoguanidine derivatives with antiproliferative activity
Freyne, Kristine; Edgard; Ruijters, Peter; Jacobs Johannes Antonius; Van
TI Krieff; Embrechts, Werner; Constant Johan; Peters, Timothy Pietro
SU Suren
PA Magesen Pharmaceutica N. V., Belg.
SO PCT Int. Appl., 73 pp.
CO CODEN: PIXX24
DT Patent
LA English
PA Pub. Off. 1

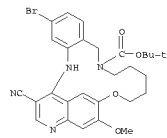
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EP--16696914	AJ		20060906	2004EP--006906914	20041215
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US--2008139601	AJ		20080612	2006US--00596509	20060615
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PRAT 2000MR--EP0051059			20031218		
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2004MR--EP0053497			20041215		
OS	CASREACT 143:97402; MARPAT 143:97402				

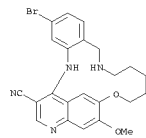


AB	The present invention concerns macrolide compds. containing a cyanoguanoline ring. The compds. inhibit tyrosine kinase enzymes. One compound prepared was 1. Pharmacol. examples include in vitro inhibition of epidermal growth factor receptors and serum starved proliferation assay on ovarian carcinoma SKOV3 cells.
IT	855792-29-36 855792-30-2P 855793-58-7P 855793-62-3P RI: SPN (Synthetic peptide); THU (Therapeutic use); B10L (Biological study); PREP (Preparation); USES (Uses) 12-cyanoguanoline derivs. with antiproliferative activity.
RN	855792-29-36 855793-58-7P RI: SPN (Synthetic peptide); THU (Therapeutic use); B10L (Biological study); PREP (Preparation); USES (Uses) 12-cyanoguanoline derivs. with antiproliferative activity.

112 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN (Continued)  
CN 8H-4,6-Ethenopyrido[4,3-b][6,3,12]benzoxadiazacyclopentadecine-13(8H)-  
carboxylic acid, 17-bromo-1-cyano-9,10,11,12,14,19-hexahydro-20-methoxy-,  
1,1-dimethylethyl ester (CA INDEX NAME)

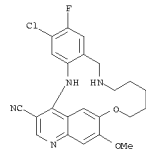


RN 855792-30-2 HCAPLUS  
CN 4,6-Ethenpyrido[4,3-b][6,1,12]benzoxadiazacyclopentadecine-1-carbonitrile, 17-bromo-8,9,10,11,12,13,14,19-octahydro-20-methoxy-, monohydrochloride (9CI) (CA INDEX NAME)



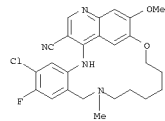
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RN 855793-58-7 HCAPLUS  
CN 4,6-Ethenopyrido[4,3-b][6,1,12]benzoxadiazacyclopentadecine-1-carbonitrile, 17-chloro-16-fluoro-8,9,10,11,12,13,14,19-octahydro-20-methoxy- (9CI) (CA INDEX NAME)



RN 855793-62-3 HCAPLUS  
CN 8H-4,6-Etheno-6H-pyrido[4,3-b][6,1,13]benzoxadiazacyclohexadecine-1-carbonitrile, 18-chloro-17-fluoro-9,10,11,12,13,14,15,20-octahydro-21-methoxy-14-methyl- (CA INDEX NAME)

112 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RE.CNT 5      THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 15:17:56 ON 21 NOV 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 15:17:56 ON 21 NOV 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> d bib abs hitstr 114 tot
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L14 ANSWER 1 OF 1 USPATFULL on STN  
 RN 2008160194 USPATFULL  
 TI 3-Cyano-Quinoline Derivatives With Antiproliferative Activity  
 IN Freyne, Eddy Jean Edgard, Rumst, BELGIUM  
 Ruljnters, Peter Jacobus Johannes Antonius, Breda, NETHERLANDS  
 Van Emelen, Kristof, Sint-Niklaas, BELGIUM  
 Embrechts, Werner Constant Johan, Oud-Turnhout, BELGIUM  
 Pevera, Timothy Pietro Suren, Geel, BELGIUM  
 PI US-20080139601 Al 20080612  
 AI 2004US-000596509 Al 20041215 (10)  
 2004WO-EP0053497 20041215  
 20060615 PCT 371 date  
 PRAI 2003WO-EP0051059 20031218  
 DT Utility  
 FS APPLICATION  
 LREP PHILIP S. JOHNSON, JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW  
 BRUNSWICK, NJ, 08933-7003, US  
 CLMN Number of Claims: 10  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 2255  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB The present invention concerns the compounds of formula

## ##STR1##

the N-oxide forms, the pharmaceutically acceptable addition salts and the stereochemically isomeric forms thereof, wherein  
 Z represents NH;  
 Y represents --C.sub.3-9alkyl-, --C.sub.1-5alkyl-NR.sup.12--C.sub.1-5alkyl-,  
 --C.sub.1-6alkyl-NH--CO-- or --CO--NH--C.sub.3-6alkyl-;  
 X.sub.1 represents --O--;  
 X.sub.2 represents a direct bond, --NR.sup.11--C.sub.1-2alkyl-,  
 --NR.sup.11--CH.sub.2--C.sub.1-2alkyl-, --O--C.sub.1-2alkyl-, --O--  
 or --O--CH.sub.2--;  
 R.sub.1 represents hydrogen or halo;  
 R.sub.2 represents hydrogen, cyano, halo, hydroxycarbonyl-,  
 C.sub.1-4alkyloxycarbonyl-, Het.sup.16-carbonyl- or Ar.sup.5;  
 R.sub.3 represents hydrogen, hydroxy, C.sub.1-4alkyloxy-,  
 Ar.sup.4--C.sub.1-4alkyloxy or R.sub.3 represents C.sub.1-4alkyloxy  
 substituted with one or where possible two or more substituents selected  
 from C.sub.1-4alkyloxy- or Het.sup.2-;  
 R.sub.10 represents hydrogen;  
 R.sub.11 represents hydrogen, C.sub.1-4alkyl- or C.sub.1-4alkyl-oxy-carbonyl-;  
 R.sub.12 represents Het.sup.14-C.sub.1-4alkyl, in particular  
 morpholinyl-C.sub.1-4alkyl;  
 Het.sup.2 represents a heterocycle selected from morpholinyl or piperidinyl  
 optionally substituted with C.sub.1-4alkyl-, preferably methyl;  
 Het.sup.14 represents morpholinyl;  
 Het.sup.16 represents a heterocycle selected from morpholinyl or pyrrolidinyl;  
 Ar.sup.4 represents phenyl;  
 Ar.sup.5 represents phenyl optionally substituted with cyano.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 855792-29-9P 855792-30-2P 855793-58-7P

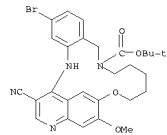
855793-62-3P

(3-cyanoquinoline derivs. with antiproliferative activity)

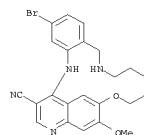
RN 855792-29-9 USPATFULL

CN 8H-4,6-Ethenopyrido[4,3-b][6,1,12]benzoxadiazacyclopentadecine-13(8H)-  
 carbonylic acid, 17-bromo-1-cyano-9,10,11,12,14,19-hexahydro-20-methoxy-,  
 1,1-dimethylethyl ester (CA INDEX NAME)

L14 ANSWER 1 OF 1 USPATFULL on STN (Continued)

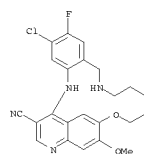


RN 855792-30-2 USPATFULL  
 CN 4,6-Ethenopyrido[4,3-b][6,1,12]benzoxadiazacyclopentadecine-1-  
 carbonitrile, 17-bromo-8,9,10,11,12,13,14,19-octahydro-20-methoxy-,  
 monohydrochloride (9CI) (CA INDEX NAME)



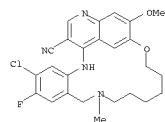
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RN 855793-58-7 USPATFULL  
 CN 4,6-Ethenopyrido[4,3-b][6,1,12]benzoxadiazacyclopentadecine-1-  
 carbonitrile, 17-chloro-16-fluoro-8,9,10,11,12,13,14,19-octahydro-20-  
 methoxy- (9CI) (CA INDEX NAME)



RN 855793-62-3 USPATFULL  
 CN 8H-4,6-Etheno-6H-pyrido[4,3-b][6,1,13]benzoxadiazacyclohexadecine-1-  
 carbonitrile, 18-chloro-17-fluoro-9,10,11,12,13,14,15,20-octahydro-21-  
 methoxy-14-methyl- (CA INDEX NAME)

L14 ANSWER 1 OF 1 USPATFULL on STN (Continued)



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(FILE 'USPATFULL, USPATOLD, USPAT2' ENTERED AT 13:45:03 ON 21 NOV 2008)  
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FILE 'HCAPLUS' ENTERED AT 15:07:58 ON 21 NOV 2008  
 L1 1 US20080139601/PN

FILE 'REGISTRY' ENTERED AT 15:08:10 ON 21 NOV 2008

FILE 'HCAPLUS' ENTERED AT 15:08:12 ON 21 NOV 2008  
 L2 TRA L1 1- RN : 39 TERMS

FILE 'REGISTRY' ENTERED AT 15:08:12 ON 21 NOV 2008

L3 39 SEA L2  
 L4 16 L3 AND NRRS>=3  
 L5 STR  
 L6 1 L5  
 L7 5 L5 FULL  
 SAV TEM J509C1/A L7  
 L8 4 L7 AND L3  
 L9 1 L7 NOT L8

FILE 'HCAOLD' ENTERED AT 15:15:22 ON 21 NOV 2008

L10 0 L8  
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FILE 'HCAPLUS' ENTERED AT 15:15:28 ON 21 NOV 2008

L12 1 L8  
 L13 0 L9

FILE 'USPATFULL, USPATOLD, USPAT2' ENTERED AT 15:15:45 ON 21 NOV 2008

L14 1 L8  
 L15 0 L9

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